#02 GSM850_GPRS10_Bottom_0mm_Ch128

DUT: 951604

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4

Medium: MSL_850_090602 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3

Ambient Temperature：22.6 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(9.41, 9.41, 9.41); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (81x201x1): Measurement grid: dx=15mm, dy=15mm
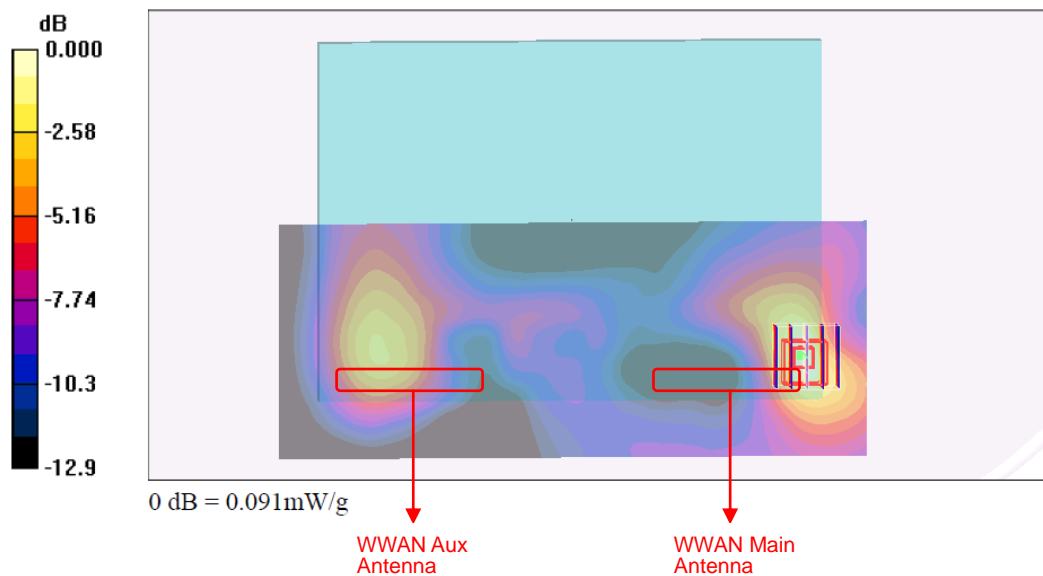Maximum value of SAR (interpolated) = 0.086 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.31 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.143 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.091 mW/g

dB
0.000
-2.58
-5.16
-7.74
-10.3
-12.9

0 dB = 0.091mW/g

WWAN Aux Antenna

WWAN Main Antenna

#02 GSM850_GPRS10_Bottom_0mm_Ch128_2D

DUT: 951604

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_850_090602 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(9.41, 9.41, 9.41); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (81x201x1): Measurement grid: dx=15mm, dy=15mm
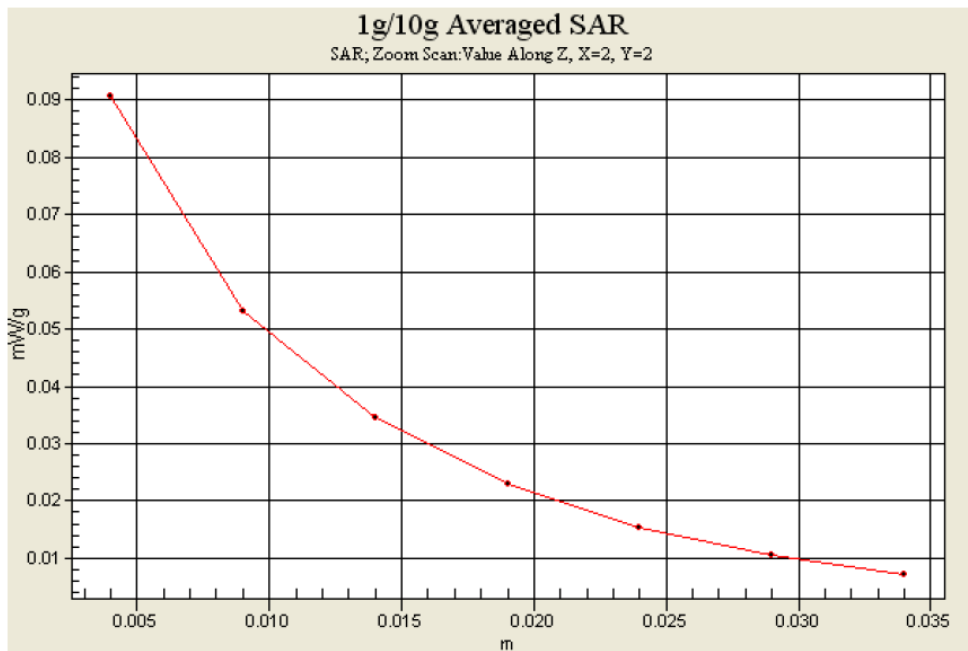Maximum value of SAR (interpolated) = 0.086 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.31 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.143 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.091 mW/g

#10 GSM1900_GPRS10_Bottom_0mm_Ch661

DUT: 951604

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_090602 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(8.18, 8.18, 8.18); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (161x201x1): Measurement grid: dx=15mm, dy=15mm
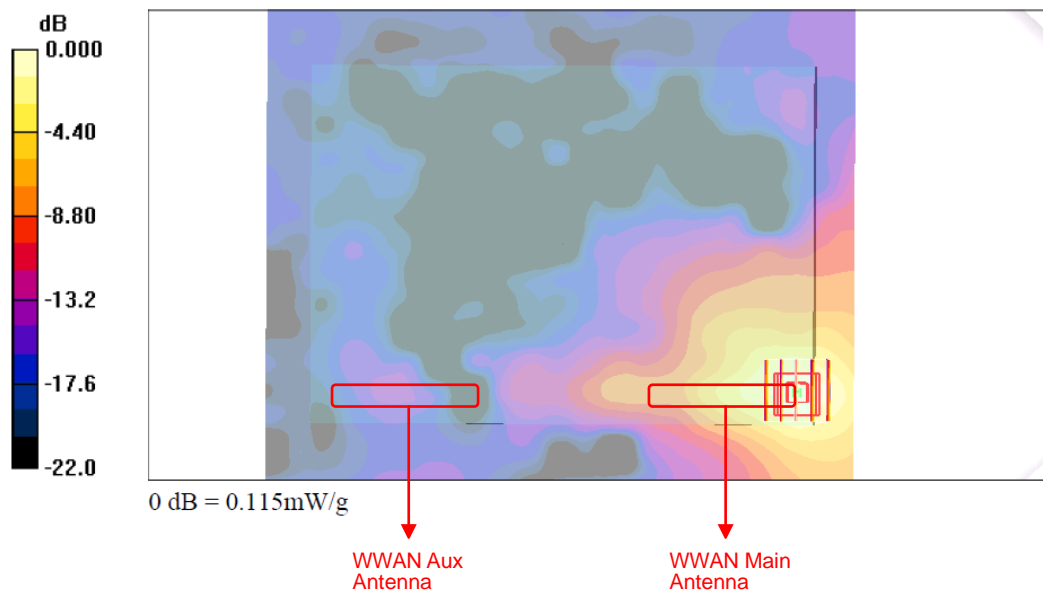Maximum value of SAR (interpolated) = 0.116 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.941 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.115 mW/g

0 dB = 0.115mW/g

WWAN Aux
Antenna

WWAN Main
Antenna

#10 GSM1900_GPRS10_Bottom_0mm_Ch661_2D

DUT: 951604

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_090602 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(8.18, 8.18, 8.18); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (161x201x1): Measurement grid: dx=15mm, dy=15mm
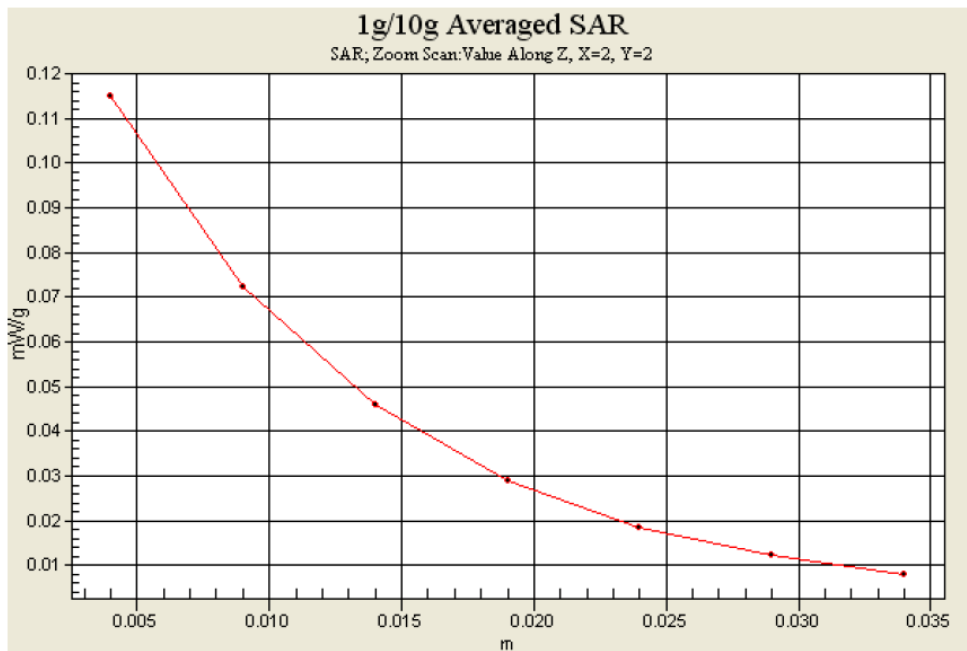Maximum value of SAR (interpolated) = 0.116 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.941 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.115 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2

#06 WCDMA V_RMC 12.2k_Bottom_0mm_Ch4233

DUT: 951604

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_090602 Medium parameters used: f = 847 MHz; σ = 0.995 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
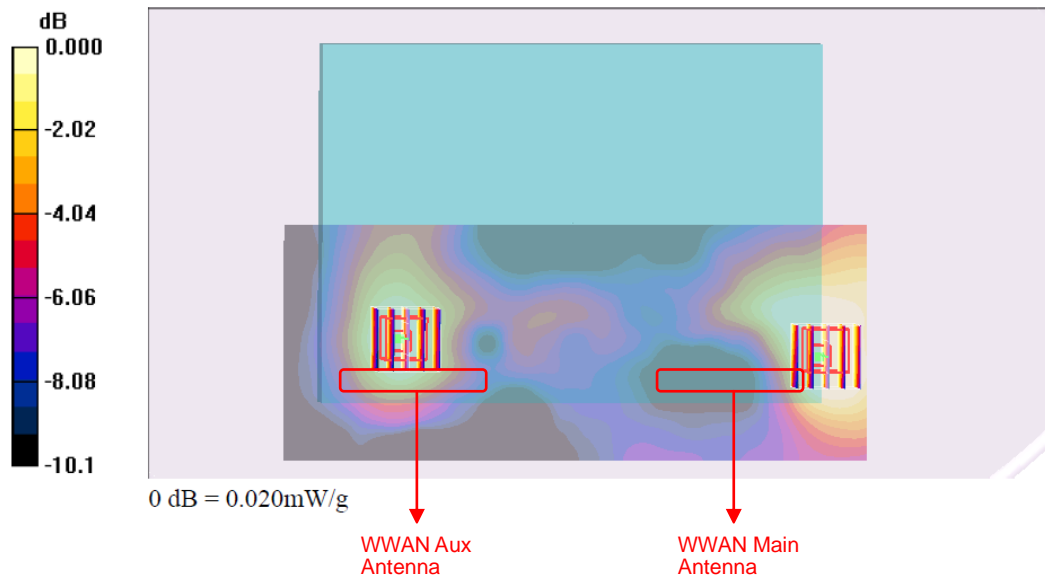Ambient Temperature：22.6 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(9.41, 9.41, 9.41); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (81x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.031 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.02 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.050 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.033 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.02 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.027 W/kg
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.020 mW/g

0 dB = 0.020mW/g

WWAN Aux
Antenna

WWAN Main
Antenna

#06 WCDMA V_RMC 12.2k_Bottom_0mm_Ch4233_2D

DUT: 951604

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_090602 Medium parameters used: f = 847 MHz; σ = 0.995 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(9.41, 9.41, 9.41); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (81x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.031 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.02 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.050 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.019 mW/g
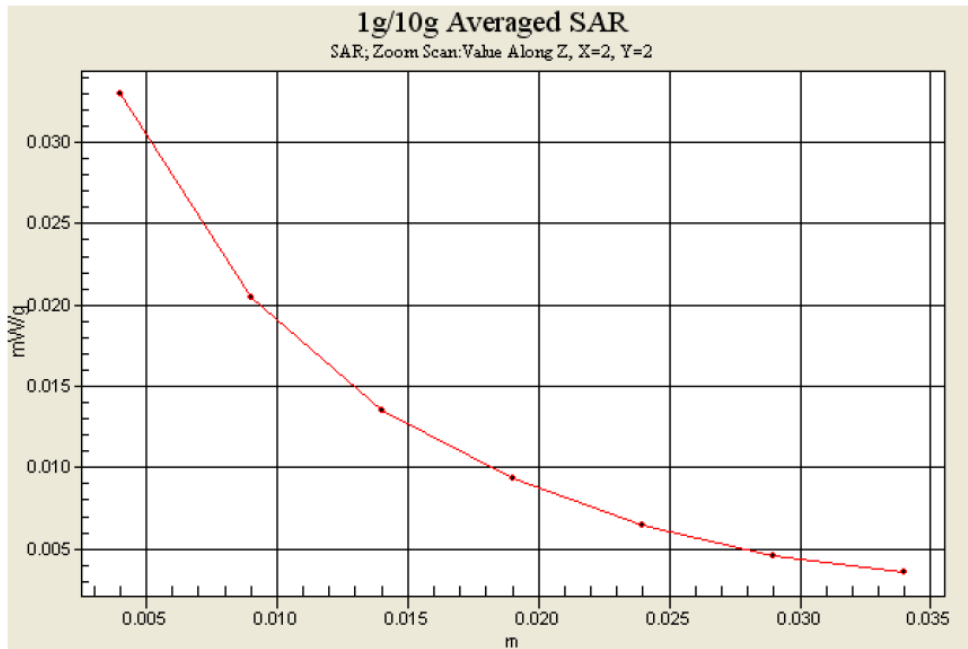Maximum value of SAR (measured) = 0.033 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.02 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.027 W/kg
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.020 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2

#08 WCDMA II_RMC 12.2k_Bottom_0mm_Ch9262

DUT: 951604

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_090602 Medium parameters used: f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3

Ambient Temperature：22.6 ℃；Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(8.18, 8.18, 8.18); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (81x201x1): Measurement grid: dx=15mm, dy=15mm
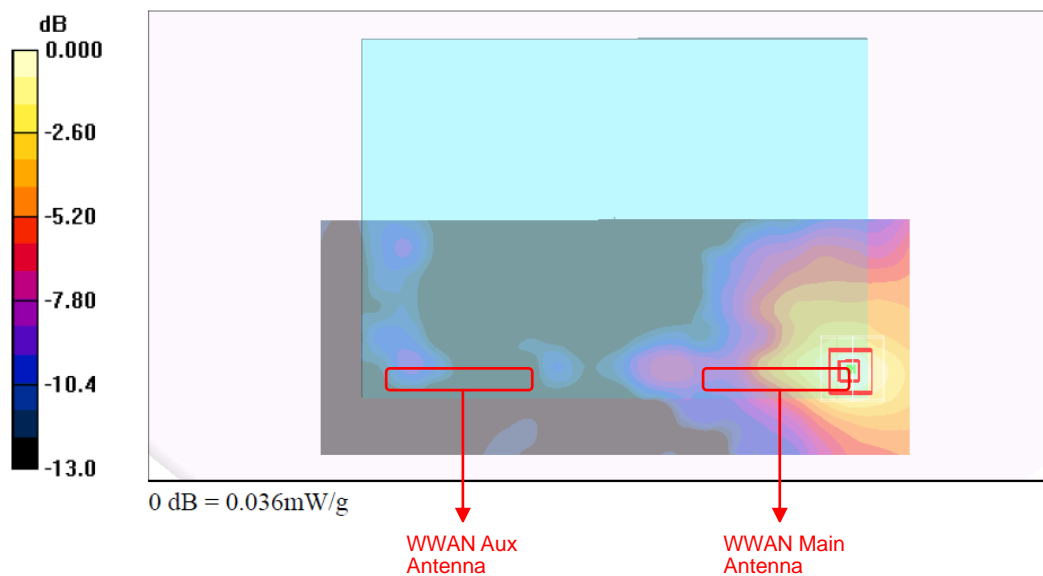Maximum value of SAR (interpolated) = 0.036 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.754 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.036 mW/g

0 dB = 0.036mW/g

WWAN Aux
Antenna

WWAN Main
Antenna

#08 WCDMA II_RMC 12.2k_Bottom_0mm_Ch9262_2D

DUT: 951604

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_090602 Medium parameters used: f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3

Ambient Temperature：22.6 ℃；Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(8.18, 8.18, 8.18); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (81x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.036 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.754 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.036 mW/g